

指南說明：透過 CDP-ICLEI Track 填報全球市長盟約之能源獲取和貧困支柱

目錄

EAPP 評估（問題 3.1-3.4）	2
永續能源屬性（問題 3.1-3.2）	2
可負擔能源屬性（問題 3.3）	5
安全能源屬性（問題 3.4）	5
EAPP 目標（問題 6.1）	6
永續能源屬性.....	6
可負擔能源屬性.....	8
安全能源屬性.....	9
EAPP 計畫（問題 7.1a、8.1、9.1）	10
附錄.....	14
圖 1：透過 CDP-ICLEI Track 依據 EAPP 填報：逐步指南	Error! Bookmark not defined.
圖 2：透過 CDP-ICLEI Track 依據 EAPP 「目標」填報：逐步指南	26

如何依據 EAPP 評估標章階段填報

本章節說明依據能源獲得和貧困支柱「評估」標章階段填報的步驟。第一步，請查看本文件最後的附錄[圖 1](#)，瞭解地區屬性及其對應的 GCoM 區域，及其對應的 CRF 規定。

問題 3.1

- 對於所有區域指標，報告城市必須在第 4 欄中提供能源評估的鏈接或附件，並在第 5 欄中提供能源評估的說明。

(3.1) Report the following information regarding your jurisdiction-wide energy consumption.

Columns 3 and 4 are only presented to certain jurisdictions as detailed in the Guidance. The selections made in column 3 will determine the presentation of questions 3.1a, 3.1b, 3.1c and 3.1d.

> [Link to question level guidance and scoring criteria](#)

Response

Total energy consumption (MWh)^:

Total energy consumption from renewable energy sources (MWh)^:

Indicate the energy data for which you can report a fuel/technology mix^

- Electricity consumption mix data
- Thermal (heating and cooling) consumption mix data
- Energy generation mix data
- Sector energy consumption breakdown data
- Unable to report mix

Indicate the energy-related assessments that have been undertaken for your jurisdiction^:

Please explain^:

依據永續能源屬性指標填報

- 若您已選擇「可再生能源消耗量」指標作為永續能源的地區屬性，請在問題 3.1 的第 1、2 與 4 欄填報正確資料。

(3.1) Report the following information regarding your jurisdiction-wide energy consumption.

Columns 3 and 4 are only presented to certain jurisdictions as detailed in the Guidance. The selections made in column 3 will determine the presentation of questions 3.1a, 3.1b, 3.1c and 3.1d.

> [Link to question level guidance and scoring criteria](#)

Response

Total energy consumption (MWh)^:

Total energy consumption from renewable energy sources (MWh)^:

Indicate the energy data for which you can report a fuel/technology mix^

- Electricity consumption mix data
- Thermal (heating and cooling) consumption mix data
- Energy generation mix data
- Sector energy consumption breakdown data
- Unable to report mix

Indicate the energy-related assessments that have been undertaken for your jurisdiction^:

Please select...

- 若您已選擇「當地範圍內消耗的熱能（加熱與冷卻）來源組成」指標作為永續能源的地區屬性，請選擇第 3 欄的「熱能（加熱與冷卻）資料來源組成」，就會看到問題 3.1b。您還應該在第 4 欄標示您所在管轄區內已經執行的能源相關評估。依循本文件「[問題 3.1b](#)」中的後續步驟，就能依據此指標順利填報。

(3.1) Report the following information regarding your jurisdiction-wide energy consumption. 

Columns 3 and 4 are only presented to certain jurisdictions as detailed in the Guidance. The selections made in column 3 will determine the presentation of questions 3.1a, 3.1b, 3.1c and 3.1d.

> [Link to question level guidance and scoring criteria](#)

Response

Total energy consumption (MWh)^:

Total energy consumption from renewable energy sources (MWh)^:

Indicate the energy data for which you can report a fuel/technology mix^:

- Electricity consumption mix data
- Thermal (heating and cooling) consumption mix data
- Energy generation mix data
- Sector energy consumption breakdown data
- Unable to report mix

Indicate the energy-related assessments that have been undertaken for your jurisdiction^:

- 若您已選擇「當地範圍內的可再生能源的產能」或「當地範圍內的可再生能源所能生產的總能源」指標作為**永續能源**的地區屬性，請選擇第 3 欄的「能源生產綜合資料」，就會看到問題 3.1c。您還應該在第 4 欄標示您所在管轄區內已經執行的能源相關評估。依循本文件「[問題 3.1c](#)」中的後續步驟，就能依據此指標順利填報。

(3.1) Report the following information regarding your jurisdiction-wide energy consumption. 

Columns 3 and 4 are only presented to certain jurisdictions as detailed in the Guidance. The selections made in column 3 will determine the presentation of questions 3.1a, 3.1b, 3.1c and 3.1d.

> [Link to question level guidance and scoring criteria](#)

Response

Total energy consumption (MWh)^:

Total energy consumption from renewable energy sources (MWh)^:

Indicate the energy data for which you can report a fuel/technology mix^:

- Electricity consumption mix data
- Thermal (heating and cooling) consumption mix data
- Energy generation mix data
- Sector energy consumption breakdown data
- Unable to report mix

Indicate the energy-related assessments that have been undertaken for your jurisdiction^:

問題 3.1b

- 若您已選擇「當地範圍內消耗的熱能（加熱與冷卻）來源組成」指標作為**永續能源**的地區屬性，請在第 1 欄填報數值，並先完成本文件章節「[問題 3.1](#)」中的本指標完成前導步驟，再於第 3-15 欄填報您所在管轄區內任何既有的能源消耗的數值。
- 若有可用資料，請填寫所有與「.....的總消耗量百分比」相關的欄位（第 3-15 欄）。若無可用資料，則不必填寫該欄位。若該來源並不消耗熱能，該欄位請填寫 0。輸入的百分比加總應為 100%

(3.1b) Report the total thermal (heating/cooling) energy consumption in MWh and the energy mix used for thermal (heating/cooling) source mix breakdown for energy consumption in your jurisdiction.  
This question is presented to cities that are shown column 3 'Indicate the energy data for which you can report a fuel/technology mix' in question 3.1, and select the option 'Thermal (heating and cooling) consumption mix data'.

[> Link to question level guidance](#)

Thermal (heating/cooling) consumption 

Total annual jurisdiction-wide thermal consumption in MWh[^] :

Data source used to provide percentage breakdown of consumption by energy type  :

Percentage of total consumption from coal(%)[^] : range: 0 - 100

Percentage of total consumption from gas(%)[^] : range: 0 - 100

Percentage of total consumption from oil(%)[^] : range: 0 - 100

Percentage of total consumption from nuclear(%)[^] : range: 0 - 100

Percentage of total consumption from non-renewable electricity (%)[^] : range: 0 - 100

Percentage of total consumption from renewable electricity (%)[^] : range: 0 - 100

Percentage of total consumption from bioenergy (inc. biomass and biofuels) (%)[^] : range: 0 - 100

Percentage of total consumption from solar thermal (%)[^] : range: 0 - 100

Percentage of total consumption from geothermal (%)[^] : range: 0 - 100

Percentage of total consumption from waste to energy (solid waste excluding biomass) (%)[^] : range: 0 - 100

Percentage of total consumption from waste water heat recovery (WWHR) (%)[^] : range: 0 - 100

Percentage of total consumption from other renewable sources (%)[^] : range: 0 - 100

Percentage of total consumption from other non-renewable sources (%)[^] : range: 0 - 100

Year data applies to:

Comment:

0/2400

問題 3.1c

- 若您已選擇「當地範圍內的可再生能源的產能」指標作為**永續能源**的地區屬性，請先依據本文件章節「[問題 3.1](#)」中的本指標完成前導步驟，再填報所有能源的數值（第 1

欄) 或有效代號 (第 2 欄)。請注意, 填報「空白」、「0」或「NE」並不符合 EAPP 評估標章規定。

(3.1c) For each type of renewable energy within the jurisdiction boundary, report the installed capacity (MW) and annual generation (MWh).

This question is presented to cities that are shown column 3 'Indicate the energy data for which you can report a fuel/technology mix' in question 3.1, and select the option 'Energy generation mix data'.

> [Link to question level guidance](#)

Installed capacity (MW)^a :

If you have no installed capacity data to report, please select a notation key to explain why^a : Not Occurring (NO) Not Estimated (NE) Confidential (C)

Annual generation (MWh)^a :

If you have no generation data to report, please select a notation key to explain why^a : Not Occurring (NO) Not Estimated (NE) Confidential (C)

Year data applies to:

Comment :

- 若您已選擇「當地範圍內的可再生能源所能生產的總能源」指標作為**永續能源**的地區屬性，請先依據本文件章節「[問題 3.1](#)」中的本指標完成前導步驟，再填報所有能源的數值（第 3 欄）或有效代號（第 4 欄）。請注意，填報「空白」、「0」或「NE」並不符合 EAPP 評估標章規定。

(3.1c) For each type of renewable energy within the jurisdiction boundary, report the installed capacity (MW) and annual generation (MWh).

This question is presented to cities that are shown column 3 'Indicate the energy data for which you can report a fuel/technology mix' in question 3.1, and select the option 'Energy generation mix data'.

> [Link to question level guidance](#)

Installed capacity (MW)^a :

If you have no installed capacity data to report, please select a notation key to explain why^a : Not Occurring (NO) Not Estimated (NE) Confidential (C)

Annual generation (MWh)^a :

If you have no generation data to report, please select a notation key to explain why^a : Not Occurring (NO) Not Estimated (NE) Confidential (C)

Year data applies to:

Comment :

問題 3.2

- 若您已選擇「市區內獲得綠色烹飪燃料與技術的家庭百分比」指標作為**永續能源**的地區屬性的，請在第 1 欄填入數值，就能順利依據此指標填報。填報「未估計」不符規定。

(3.2) Report the percentage of households within the jurisdiction with access to clean cooking fuels and technologies.

> [Link to question level guidance](#)

Percentage of households within the jurisdiction with access to clean cooking fuels and technologies ^a	Comment
Response <ul style="list-style-type: none"> <input type="radio"/> <10% <input type="radio"/> 10-29% <input type="radio"/> 30-49% <input type="radio"/> 50-74% <input type="radio"/> >75% <input type="radio"/> Not estimated <input type="button" value="Clear selection"/>	<input type="text"/>

依據可負擔能源屬性指標填報

問題 3.3

- 若您已選擇「城市範圍內將高達 X% 的收入用於能源服務的家庭或人口百分比」指標作為**可負擔能源**的地區屬性，請選擇第 1 欄的「管轄區內面臨能源貧困的家庭百分比」或「管轄區內面臨能源貧困的總人口百分比」，並在第 2 與 3 欄填入數值。

(3.3) How many households within the jurisdiction boundary face energy poverty? Select the threshold used for energy poverty in your jurisdiction.

> [Link to question level guidance](#)

Indicator used to estimate energy poverty ^a	Percentage of households or total population within the jurisdiction boundary that face energy poverty ^a	Threshold used for energy poverty ^a	Comment
Response <ul style="list-style-type: none"> <input checked="" type="radio"/> Percentage of households within the jurisdiction boundary that face energy poverty <input type="radio"/> Percentage of total population within the jurisdiction boundary that face energy poverty <input type="radio"/> Energy poverty not estimated <input type="button" value="Clear selection"/>	<input type="text" value="1,234.56"/>	<ul style="list-style-type: none"> <input type="radio"/> Up to 5% of income spent on energy services <input type="radio"/> Up to 10% of income spent on energy services <input type="radio"/> Up to 15% of income spent on energy services <input type="radio"/> Up to 20% or more of income spent on energy services <input type="radio"/> Other, please specify <input type="button" value="Clear selection"/>	<input type="text"/> <p style="text-align: right;">0/5000</p>

依據安全能源屬性指標填報

問題 3.4

- 若您已選擇「市區內獲得電力的人口或家庭百分比」指標作為**安全能源**的地區屬性，請選擇第 1 欄/第 1 行的「可供報告的資料」，並在第 2 與 3 欄填報數值。

(3.4) Report the following information on access to secure energy for your jurisdiction. 

> [Link to question level guidance](#)

Percentage of population or households with access to electricity

Data availability: Data available to report
 Not estimated
 Confidential

Indicator^:

Response value^:

Year data applies to:

Comment:

0/2400

- 若您已選擇「供電的平均持續時間」指標作為**安全能源**的地區屬性，請選擇第 1 欄/第 2 行的「可供報告的資料」，並在第 2 與 3 欄填報數值。

(3.4) Report the following information on access to secure energy for your jurisdiction. 

> [Link to question level guidance](#)

Percentage of population or households with access to electricity

Data availability: Data available to report
 Not estimated
 Confidential

Indicator^:

Response value^:

Year data applies to:

Comment:

0/2400

Average yearly final energy consumption per capita

Data availability: Data available to report
 Not estimated
 Confidential

Indicator^:

Response value^:

Year data applies to:

Comment:

0/2400

- 若您已選擇「人均年度能源消耗平均值」作為**安全能源**的地區屬性，請選擇第 1 欄/第 3 行的「可供報告的資料」，並在第 2 與 3 欄填報數值，就能順利依據此指標填報。

(3.4) Report the following information on access to secure energy for your jurisdiction. 

> [Link to question level guidance](#)

Percentage of population or households with access to electricity

Data availability: Data available to report
 Not estimated
 Confidential

Indicator^:

Response value^:

Year data applies to:

Comment:

0/2400

Average duration of available electricity

Data availability: Data available to report
 Not estimated
 Confidential

Indicator^:

Response value^:

Year data applies to:

Comment:

0/2400

Average yearly final energy consumption per capita

Data availability: Data available to report
 Not estimated
 Confidential

Indicator^:

Response value^:

Year data applies to:

Comment:

0/2400

如何依據 EAPP 目標標章階段填報

本章節說明依據能源獲得和貧困支柱「目標」標章階段填報的步驟。請查看本文件最後的附錄圖 2，瞭解地區屬性及其對應的 GCoM 區域，及其對應的 CRF 規定。

問題 6.1

依據 EAPP 一般目標填報

- 所有地區能源屬性中的所有城市必須選擇一項一般目標才能據以填報
 - 一般目標：地方政府應根據 SDG 7 採取能源獲得相對增加的量化數值目標與/或邁向能源普及的能源貧困舒緩目標。與選定的基準年相比，該目標應確認 2030 年能源獲得增加與/或能源貧困舒緩的估計百分比。

依據 EAPP 特定目標填報：

- 各城市還應依據至少一項與其 GCoM 區域選定的地區能源屬性相關的特定目標填報。請於本文件最後的附錄圖 2 查看特定目標及其對應地區屬性列表。

A) 簽署方依據永續能源屬性指標填報

1. 若您的 GCoM 區域已選定永續能源的能源屬性，您應選擇並依據至少一項下列第 1 欄中的特定目標填報：
 - 增加當地範圍內可再生能源 (RES) 的產能
 - 增加當地範圍內 RES 的所能生產的總能源
 - 增加 RES 的能源消耗
 - 增加市區內獲得綠色烹飪燃料與技術的家庭
 - 增加您市內所消耗的熱能（加熱或冷卻）來源組成的「綠能程度」
- 您也可以依據下列紅圈中標示出的目標類型中任一目標來填報：

(6.1) Provide details of your jurisdiction's energy-related targets active in the reporting year. In addition, you can report other climate-related targets active in the reporting year.

> Link to question level guidance and scoring criteria

✕ Delete

* Target type (selection mandatory)^: Renewable energy generation target

Target description: Renewable energy generation target, Renewable energy consumption target, Renewable energy installed capacity target, Energy efficiency targets, Energy poverty/energy access target, Building specific emissions reduction target

Boundary of target relative to jurisdiction boundary^: Transport target, Waste target

- 您也可以依據下列「能源貧困/能源獲得」目標類型中的目標來填報：

(6.1) Provide details of your jurisdiction's energy-related targets active in the reporting year. In addition, you can report other climate-related targets active in the reporting year.

> Link to question level guidance and scoring criteria

✕ Delete

* Target type (selection mandatory)^: Energy poverty/energy access target

Target description: Please select..., Improve the average yearly energy consumption per capita, Reduction in energy poverty (population), Reduction in energy poverty (households), Increase access to clean cooking fuels and technologies (population), Increase access to clean cooking fuels and technologies (households)

Boundary of target relative to jurisdiction boundary^: Addressing energy poverty, Addressing energy access, Other energy poverty/energy access target type, please specify

Year target was established:

*若依據以下特定目標填報，請選擇「其他能源貧困/能源獲得目標類型，請說明」：增加您市內所消耗的熱能（加熱或冷卻）來源組成的「綠能程度」

2. 還有，您還須在下列欄位填報資料：
 - a. 若目標為可再生能源：第 3、5、6、7、8、9、10 欄。
 - b. 若目標並非可再生能源：第 3、5、7、8、9、10 欄
3. 另外，請確保第 9 欄的目標年份等於或大於您的填報年份，並確保您的目標指標為百分比。
4. 最後，在 6.1 的第 10 欄「目標年份指標值」中，GCoM 城市必須確保其填報的增加/減少數值為「相較於基準年的百分比變化」。例如：相較於 2010 年減少/增加 50%。這是 GCoM 的能源獲得與貧困支柱驗證規定。

(6.1) Provide details of your jurisdiction's energy-related targets active in the reporting year. In addition, you can report other climate-related targets active in the reporting year.

[Link to question level guidance and scoring criteria](#)

* Target type (selection mandatory)^:

Target description :

0/2500

Boundary of target relative to jurisdiction boundary^:

Year target was established: range: 1990 - 2100

Base year^: range: 1990 - 2200

Metric used to measure target (renewable energy or energy efficiency target)^:

Metric used to measure target^ :

Metric value in base year^:

Target year^: range: 1990 - 2200

Metric value in target year^:

Metric value in most recent year data is available:

Percentage of total energy that is renewable in target year :

Is this target publicly available?:

Progress made towards target:

B) 簽署方依據可負擔能源屬性指標填報

1. 若您的 GCoM 區域已選定可負擔能源的能源屬性，您應選擇並依據至少一項下列第 1 欄中的目標填報：
 - a. 減少城市範圍內面臨能源貧困的家庭或人口百分比
 - b. 提高建築物的能源效率
- 您也可以選擇任何「能源效率」目標類型中的目標：

(6.1) Provide details of your jurisdiction's energy-related targets active in the reporting year. In addition, you can report other climate-related targets active in the reporting year.

> Link to question level guidance and scoring criteria

* Target type (selection mandatory)^: Energy efficiency targets

Target description: Increase energy efficiency of buildings (all buildings)

Boundary of target relative to jurisdiction boundary^: Reduction in energy consumption (jurisdiction-wide), Increase in energy efficiency (jurisdiction-wide), Increase energy efficiency of buildings (all buildings), Increase energy efficiency of buildings (residential buildings), Increase energy efficiency of buildings (government-owned buildings), Increase energy efficiency of buildings (commercial buildings)

Year target was established: Increase energy efficiency of buildings, specify building types covered, Other energy efficiency target type, please specify

- 您也可以依據下列「能源貧困/能源獲得」目標類型中標示出的目標來填報

(6.1) Provide details of your jurisdiction's energy-related targets active in the reporting year. In addition, you can report other climate-related targets active in the reporting year.

> Link to question level guidance and scoring criteria

* Target type (selection mandatory)^: Energy poverty/energy access target

Target description: Please select..., Improve the average yearly energy consumption per capita, Reduction in energy poverty (population), Reduction in energy poverty (households), Increase access to clean cooking fuels and technologies (population), Increase access to clean cooking fuels and technologies (households)

Boundary of target relative to jurisdiction boundary^: Addressing energy poverty, Addressing energy access

Year target was established: Other energy poverty/energy access target type, please specify

2. 還有，您必須在第 3、5、7、8、9 與 10 欄中填入數值，才能順利依據可負擔能源屬性「目標」標章階段填報。

(6.1) Provide details of your jurisdiction's energy-related targets active in the reporting year. In addition, you can report other climate-related targets active in the reporting year. 📌

> [Link to question level guidance and scoring criteria](#)

* Target type (selection mandatory)^: Please select...

Target description: 0/2500

Boundary of target relative to jurisdiction boundary^: Please select...

Year target was established: 1970 range: 1990 - 2100

Base year^: 1970 range: 1990 - 2200

Metric used to measure target (renewable energy or energy efficiency target)^: Please select...

Metric used to measure target^:

Metric value in base year^: 1,234.56

Target year^: 1970 range: 1990 - 2200

Metric value in target year^: 1,234.56

Metric value in most recent year data is available: 1,234.56

Percentage of total energy that is renewable in target year:

Is this target publicly available?: Please select...

Progress made towards target:

C) 簽署方依據安全能源屬性指標填報

1. 若您的 GCoM 區域已選定**安全能源**的能源屬性，您應選擇並依據至少一項下列第 1 欄中的目標填報：
 - a. 相較於基準年，在 2030 年前提升供電的平均持續時間。
 - b. 相較於基準年，在 2030 年前提升獲得電力的人口或家庭百分比
 - c. 「改善」人均年度能源消耗平均值（以不影響所使用的能源服務水準與品質為前提）
- 您也可以依據「應對能源獲得」與「其他能源貧困/能源獲得目標類型，請說明」（若其他能源貧困/能源獲得目標類型與安全能源相關）來填報：

(6.1) Provide details of your jurisdiction's energy-related targets active in the reporting year. In addition, you can report other climate-related targets active in the reporting year.

> Link to question level guidance and scoring criteria

Delete

* Target type (selection mandatory)^: Energy poverty/energy access target

Target description: Please select...

- Increase average duration of available electricity
- Increase the percentage of population or households with access to electricity
- Improve the average yearly energy consumption per capita
- Reduction in energy poverty (population)
- Reduction in energy poverty (households)
- Increase access to clean cooking fuels and technologies (population)
- Increase access to clean cooking fuels and technologies (households)
- Addressing energy poverty

Boundary of target relative to jurisdiction boundary^: Addressing energy access

Year target was established: Addressing energy access

Other energy poverty/energy access target type, please specify

2. 還有，您必須在第 3、5、7、8、9 與 10 欄中填入數值，才能順利依據安全能源屬性「目標」標章階段填報。

(6.1) Provide details of your jurisdiction's energy-related targets active in the reporting year. In addition, you can report other climate-related targets active in the reporting year.

> Link to question level guidance and scoring criteria

Delete

* Target type (selection mandatory)^: Please select...

Target description: Please select...

0/2500

Boundary of target relative to jurisdiction boundary^: Please select...

Year target was established: 1970 range: 1990 - 2100

Base year^: 1970 range: 1990 - 2200

Metric used to measure target (renewable energy or energy efficiency target)^: Please select...

Metric used to measure target^: Please select...

Metric value in base year^: 1,234.56

Target year^: 1970 range: 1990 - 2200

Metric value in target year^: 1,234.56

Metric value in most recent year data is available: 1,234.56

Percentage of total energy that is renewable in target year: Please select...

Is this target publicly available?: Please select...

Progress made towards target:

EAPP 計畫

*不論選定的地區能源屬性為何，EAPP 「計畫」 標章階段都是以同樣方式填報。

問題 7.1

- 請選擇「是，我所在管轄區制定了氣候行動計畫或策略」。

(7.1) Does your jurisdiction have a climate action plan or strategy that addresses mitigation, adaptation (resilience), and/or energy?  

Yes, our jurisdiction has a climate action plan or strategy

Yes, our jurisdiction has a climate action plan or strategy

No, but we are currently undertaking one and it will be complete in the next year

No, but we are intending to undertake one in the next two years

No, and we are not intending to undertake due to lack of financial capacity

No, and we are not intending to undertake due to lack of expertise/technical capacity

No, and we are not intending to undertake due to lack of financial capacity and expertise/technical capacity

No, and we are not intending to undertake due to other higher priorities

No, and we are not intending to undertake due to a reason not listed above, please specify

問題 7.1a

- 請選擇一項或（更多）與第 1 欄中的能源相關計畫有關的選項：
 - 綜合氣候計畫（應對改善、適應與能源相關問題）
 - 綜合氣候計畫（應對改善與能源）
 - 綜合氣候計畫（應對適應與能源）
 - 獨立的能源相關計畫

(7.1a) Report details on the climate action plan or strategy that addresses mitigation, adaptation (resilience), and/or energy-related issues in your jurisdiction. 

This question is presented if 'Yes, our jurisdiction has a climate action plan or strategy' is selected in response to 7.1. If your jurisdiction has separate mitigation, adaptation, and/or member city, please make sure to answer this question in detail as this data is also used to assess your city compliance against C40's membership requirements, the C40 Leadershi

> [Link to question level guidance and scoring criteria](#)

Climate action plan type^

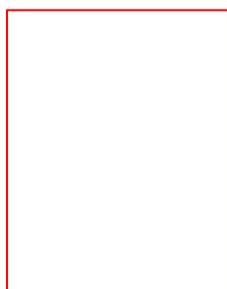
- Integrated climate plan (addressing mitigation, adaptation and energy-related issues)**
- Integrated climate plan (addressing mitigation and adaptation)
- Integrated climate plan (addressing mitigation and energy)**
- Integrated climate plan (addressing adaptation and energy)**
- Standalone mitigation plan
- Standalone adaptation plan
- Standalone energy-related plan**

- 接著，您必須在第 2、3、4、5、7、9、10、11 與 12 欄填報數值，才能順利依據 EAPP 「計畫」 標章階段能源相關計畫提交與填報。

(7.1a) Report details on the climate action plan or strategy that addresses mitigation, adaptation (resilience), and/or energy-related issues in your jurisdiction. 

This question is presented if 'Yes, our jurisdiction has a climate action plan or strategy' is selected in response to 7.1. If your jurisdiction has separate mitigation, adaptation, and/or member city, please make sure to answer this question in detail as this data is also used to assess your city compliance against C40's membership requirements, the C40 Leadershi

> [Link to question level guidance and scoring criteria](#)



Climate action plan type^ :

Attachment/link and name of plan^ : 0/2400

* Confirm attachment/link provided to plan (selection mandatory) :

Boundary of plan relative to jurisdiction boundary^ :

Processes for monitoring evaluation and updates of plan^ :

Funding sources and financial instruments to finance plan :

Communities and organizations engaged^ :

Describe if and how climate-related scenarios have informed the plan : 0/2500

Primary author(s) of plan^ :

Assessment of co-benefits, trade-offs and synergies of actions included in plan^ :

Year of formal approval of plan^ : range: 1990 - 2023

End year of plan : range: 2010 - 2100

Total cost of implementation of plan (in currency specified in 0.1):

Sectors covered by action plan :

Please explain :

問題 8.1

- 您必須先在第 1 欄輸入行動，才能填報 EAPP 「計畫」標章階段能源相關計畫。在選項列表中，選擇「其他，請說明」輸入您的能源相關行動並在出現的文字盒中填報行動。

(8.1) Describe the outcomes of the most significant adaptation actions your jurisdiction is currently undertaking. Note that this can include those in the planning and/or implementation phase. ⓘ 🗨

> [Link to question level guidance and scoring criteria](#)

* Action (selections mandatory)^ ⓘ :

- Please select...
- Services actions
- Educational/Informational actions
- Behavioural actions
- Economic actions
- Laws and regulations actions
- Government policies and programs actions
- No adaptation action in place
- Other, please specify

* Action (selections mandatory)^ ⓘ :

- Other, please specify
- Other, please specify
- Report your energy related action here

38/250

- 另外，您還必須在第 3、5、11、13（您必須選擇「是」）與 14（選擇「與能源獲得與/或貧困指標無關的行動」**不符規定**）欄填入數值，才能完全按照規定完整地填報您的能源相關行動：

(8.1) Describe the outcomes of the most significant adaptation actions your jurisdiction is currently undertaking. Note that this can include those in the planning and/or implementation phase. ⓘ 🗨

> [Link to question level guidance and scoring criteria](#)

* Action (selections mandatory)^ : Other, please specify 21/250

Other, please specify

Energy Related Action

Climate hazard(s) that action addresses^ : Please select...

Action description and web link to further information^ : 0/4000

Sectors adaptation action applies to^ : Please select...

Co-benefits realized^ : Please select...

Timeframe for which increased resilience is expected to last : Please select...

Proportion of the total jurisdiction population with increased resilience due to adaptation action : Please select...

Proportion of natural systems with increased resilience due to adaptation action : Please select...

Funding source(s) : Please select...

Status of action in the reporting year^ : Please select...

Inclusion in climate action plan and/or jurisdiction development/master plan^ : Please select...

Total cost of action (in currency specified in 0.1) : 1,234.56

Does this action contribute to your jurisdiction's energy access and/or poverty objectives?^ : Yes No Do not know

Clear selection

Select the related energy access and/or poverty indicator(s) for this action, and indicate how they are impacted by the action (i.e. value increased or decreased)^ : Energy consumption from renewable energy sources (increase) Energy consumption from renewable energy sources (decrease) Source mix of thermal energy (heating and cooling) consumed within local boundary (increase) Source mix of thermal energy (heating and cooling) consumed within local boundary (decrease) Installed capacity of renewable energy sources within local boundary (increase) Installed capacity of renewable energy sources within local boundary (decrease) Total energy generated from renewable energy sources within local boundary (increase) Total energy generated from renewable energy sources within local boundary (decrease) Percentage of households within the municipality with access to clean cooking fuels and technologies (increase) Percentage of households within the municipality with access to clean cooking fuels and technologies (decrease) Percentage of households or population within the city boundary that spending up to X% of income on energy service (increase) Percentage of households or population within the city boundary that spending up to X% of income on energy service (decrease) Percentage of municipality population or households with access to electricity (increase) Percentage of municipality population or households with access to electricity (decrease) Average duration of available electricity (increase) Average duration of available electricity (decrease) Average yearly energy consumption per capita (increase) Average yearly energy consumption per capita (decrease) Action not related to energy access and/or poverty indicator(s)

問題 9.1

- 您必須先在第 1 欄輸入行動，才能填報 EAPP 「計畫」 標章階段能源相關計畫。開啟第 1 欄的列表並選擇您所在管轄區正在執行的任何能源相關行動。您可以填報「定置型能源」與「電網能源生產」行動類型中的任何行動，或者，若這些目標類型所列的行動並非您所在管轄區所採取的行動，您可以下拉至列表底部，選擇「其他，請說明」輸入您的能源相關行動並在出現的文字欄中填報行動：

(9.1) Describe the outcomes of the most significant mitigation actions your jurisdiction is currently undertaking. Note that this can include those in the planning and/or implementation phases. ⓘ

> Link to question level guidance and scoring criteria

* Primary emissions sector addressed and action type (selections mandatory)^ ⓘ :

Please select...

- Stationary energy
- Transportation
- Waste
- Industrial Processes and Product
- Agriculture, Forestry and Land Use
- Generation of grid-supplied energy
- Food
- Other sectoral action
- No mitigation action in place
- Other, please specify

或

* Primary emissions sector addressed and action type (selections mandatory)^ ⓘ :

Other, please specify

Other, please specify

Report energy action here 25/250

- 接著，您必須在第 2、9、12 欄輸入數值，在第 14 欄選擇「是」，並在第 15 欄選擇能源相關評估指標（選擇「與能源獲得與/或貧困指標無關的行動」不符規定）：

(9.1) Describe the outcomes of the most significant mitigation actions your jurisdiction is currently undertaking. Note that this can include those in the planning and/or implementation phases. ⓘ

> Link to question level guidance and scoring criteria

* Primary emissions sector addressed and action type (selections mandatory)^ ⓘ :

Please select...

Please select...

Action description and web link to further information^ ⓘ :

0/4000

Start year of action: 1970 range: 2000 - 2050

Year for which mitigation is expected to last: Please select...

Impact indicators measured^ :

- Estimated emissions reductions due to action
- Estimated annual energy savings due to action
- Estimated annual renewable energy generated due to action
- None of the above impacts associated with this action have been measured
- Other impact indicator, please specify

Estimated emissions reductions (metric tons CO2e)[^] ⓘ :

Estimated annual energy savings (MWh)[^] :

Estimated annual renewable energy generation (MWh)[^] :

Co-benefits realized[^] ⓘ :

Please select...

Funding source(s) :

Please select...

Status of action in the reporting year[^] :

Please select... ▾

Inclusion in climate action plan and/or jurisdiction development/master plan[^] :

Please select... ▾

Total cost of action (in currency specified in 0.1) ⓘ :

1,234.56

Does this action contribute to your jurisdiction's energy access and/or poverty objectives?[^] :

- Yes
 No
 Do not know

Clear selection

Select the related energy access and/or poverty indicator(s) for this action, and indicate how they are impacted by the action (i.e. value increased or decreased)[^] ⓘ :

- Energy consumption from renewable energy sources (increase)
- Energy consumption from renewable energy sources (decrease)
- Source mix of thermal energy (heating and cooling) consumed within local boundary (increase)
- Source mix of thermal energy (heating and cooling) consumed within local boundary (decrease)
- Installed capacity of renewable energy sources within local boundary (increase)
- Installed capacity of renewable energy sources within local boundary (decrease)
- Total energy generated from renewable energy sources within local boundary (increase)
- Total energy generated from renewable energy sources within local boundary (decrease)
- Percentage of households within the municipality with access to clean cooking fuels and technologies (increase)
- Percentage of households within the municipality with access to clean cooking fuels and technologies (decrease)
- Percentage of households or population within the city boundary that spending up to X% of income on energy service (increase)
- Percentage of households or population within the city boundary that spending up to X% of income on energy service (decrease)
- Percentage of municipality population or households with access to electricity (increase)
- Percentage of municipality population or households with access to electricity (decrease)
- Average duration of available electricity (increase)
- Average duration of available electricity (decrease)
- Average yearly energy consumption per capita (increase)
- Average yearly energy consumption per capita (decrease)
- Action not related to energy access and/or poverty indicator(s)

附件

图 A. 如何通过 CDP-ICLEI 轨道向 EAPP "评估" 报告：分步骤指南

EAPP 標章 階段	屬性	CRF 要求	CDP-ICLEI Track 問題 編號
評估 一般 準則	評估一般準則	<p>地方政府應在承諾加入 GCoM 的兩年之內，準備並提交一份能源取得與能源貧困評估。</p> <p>該評估應就三大重點能源屬性，分析該市的能源取得與能源貧困狀況：</p> <ul style="list-style-type: none"> • 安全能源 • 永續能源 • 可負擔能源 	NA
	評估一般準則	<p>能源取得與能源貧困評估應提供每個地區及國家盟約認為最相關的能源屬性資訊。地區及國家特定屬性將透過《共同報告框架》區域化版本提供，並由地區/國家盟約服務中心進行傳達。</p> <p>對於地方政府所屬地區/國家盟約認定相關的每項能源屬性，該評估應至少包括一項必填指標。</p>	請見 下方 內容
可持續能源屬性：GCoM 在日本、拉丁美洲、中東和北非、韓國、中國和東亞 區域/國家公約要求城市至少報告一項此屬性指標。			
評估	永續能源	可再生能源來源的能源耗用量 (永續能源指標)	3.1
		地方邊界境內所消耗的熱能來源組合 (冷暖氣) (永續能源指標)	3.1 和 3.1b
		地方邊界境內可再生能源來源之裝置容量 (永續能源指標)	

			3.1 和 3.1c
		地方邊界境內可再生能源來源的能源總產量 (永續能源指標)	3.1 和 3.1c
		市政範圍內可取得乾淨烹飪燃料及技術的家庭百分比 (永續能源指標)	3.2
負擔得起的能源屬性：東亞和中亞、歐盟、西歐、北美、韓國和大洋洲的 GCoM 區域/國家契約要求城市報告此屬性。			
評估	可負擔能源屬性	城市邊界境內，可將 X% 的收入用於能源服務上之家庭或人口百分比 (可負擔能源指標)	3.3
安全能源屬性：南亞、東南亞、撒哈拉以南非洲和東亞的 GCoM 地區/國家契約要求城市報告此屬性。			
評估	安全能源	市政人口或家庭電力取得百分比 (安全能源指標)	3.4
		可用電力平均期限 (安全能源指標)	3.4
		人均年能源耗用量 (安全能源指標)	3.4

以下「目標」標章階段之要求關係到所有所選之地區/屬性。

EAPP 標章階段	CRF 要求	CDP-ICLEI Track 問題編號
目標	地方政府應制定並報告全市目標，該目標會透過三個不同卻相互關聯的屬性：安全能源、可負擔能源與永續能源之綜合性方法，促進其社區的能源取得和/或緩解其社區的能源貧困。	6.1
	地方政府應依據聯合國永續發展目標第 7 項 (SDG 7) 訂定其普遍化能源取得部分之目標，並於加入 GCoM 的兩年內，或對於已是 GCoM 會員的簽署方應自 EAPP 啟用日起，至少訂定一項目標，就上述三項特性促進能源取得並緩解能源貧困。	6.1
	邊界 (地理範圍)：目標邊界應與城市邊界一致。地方政府可與鄰近簽署方共同制定目標。如果該邊界超出城市邊界，則這類情況需提出特定說明。	

		6.1
	目標設定：地方政府應依據 SDG 7 規範，採納相對定量化能源取得增長和/或能源貧困緩解之目標，以實現全民取得能源的願景。	6.1
請查看本附件中的圖 B，以瞭解每個區域屬性的相關目標	目標設定：該目標應對照其所選基準年，確立出估計的 2030 年能源取得增加百分比和/或能源貧困減少百分比。 此外，地方政府應就地區所選之能源屬性，至少訂定一項可解決能源取得與緩解能源貧困的目標。	6.1
	目標年份：目標年份 (即為地方政府致力於達成訂定目標的年份) 應與國家承諾一致，例如：國家制定貢獻 (Nationally Determined Contributions, NDC) (若情況適用) 或依照地區/國家盟約訂定。	6.1
	基準年數值：基準年應為按國家框架或地區/國家盟約訂定之年份 (若情況適用或可用)，或者用於能源取得與貧困評估之年份，且該年份如實記載地方政府之狀態。	6.1
	抱負：地方政府在設定目標時，應表明增加能源取得和/或降低能源貧困之承諾。地方政府應在其計畫中宣誓這些承諾。	7.1a
	單位：該目標應以相對於基準年的百分比 (%) 進行報告。如果得出絕對資料，則簽署方除了定量資料以外還應報告該百分比數。	6.1

以下「計畫」標章階段之要求關係到所有所選之地區/屬性。

EAPP 標章階段	CRF 要求	CDP-ICLEI Track 問題編號
計畫	地方政府應就氣候變遷減緩、調適 (氣候復甦) 及能源取得和/或貧困制定計畫，這些計畫可單獨或以整合形式提出。	7.1/7.1a
	就如同減緩及調適計畫，EAPP 獨立執行的行動計畫或整合性氣候行動計畫的 EAPP 部分應包括以下資訊：	請見下方內容
	指定已正式採納該計畫及確認採納日期的地方政府。	7.1a

	主要作者團隊/地方政府的行動計畫負責/協調團隊	7.1a
	利害關係人參與程序之描述	7.1a
	此行動是否能對您地方當局的能源取得和/或貧困目標 (能源取得目標) 做出貢獻	8.1/9.1
	優先區塊的所有行動 (根據能源取得與貧困評估進行識別, 及間接根據其他支柱評估進行識別)	7.1a
	每項行動之描述	8.1/9.1
	減緩、調適行動及能源取得之協同效應、利益權衡和共同益處。	7.1a/8.1/9.1
	對於每一項行動/行動範圍/區塊, 該行動計畫應提供下列資訊:	請見下方內容
	行動/行動範圍/區塊之概要描述	8.1/9.1
	能源節省、可再生能源生產、已解決的弱點、潛在 (不強制) 溫室氣體減排行動之評估。	9.1
	相關指標及行動實施會如何影響 EAPP 指標數值	8.1/9.1

圖 B.如何通過 CDP-ICLEI 跟蹤向 EAPP“目標”報告：逐步指南

一般目標 (所有區域屬性)
<p>地方政府應根據可持續發展目標 7 的要求, 制定一個量化的相對增加能源獲取和/或減輕能源貧困的目標, 以實現能源的普遍獲取。該目標應確定 2030 年與他們選定的基準年相比, 能源獲取的估計增長百分比和/或能源貧困的減少。</p>

此外, 地方政府應從區域選定的能源屬性中至少設定一個解決能源獲取和緩解能源貧困的目標。地方政府應從以下報告的目標清單中選擇其目標。

區域屬性	地區	相關目標
------	----	------

<p>可持續能源</p>	<p>日本 拉丁美洲 中東和北非 大韓民國 中國 東亞</p>	<ol style="list-style-type: none"> 1. 增加當地邊界內可再生能源（RES）的裝機容量⁷ 2. 增加局部邊界內 RES 產生的總能量 3. 增加 RES 的能耗 4. 增加市內家庭獲得清潔烹飪燃料和技術的機會 5. “改善城市消耗的熱能（供暖和製冷）源組合的綠色度”
<p>安全能源</p>	<p>南亞 東南亞 撒哈拉以南非洲 東亞</p>	<ol style="list-style-type: none"> 1. 到 2030 年增加相對於基準年的平均可用電力持續時間 2. 到 2030 年提高與基準年相比獲得電力的人口或家庭的百分比 3. “改善”人均年均能源消耗（不影響所用能源服務的水平 and 品質）
<p>負擔得起的能源</p>	<p>東歐和中亞 西歐和歐盟 北美洲 大韓民國 大洋洲</p>	<ol style="list-style-type: none"> 1. 減少城市範圍內面臨能源貧困的家庭或人口的百分比 2. 提高建築物的能源效率